



**Safety Data Sheet**  
 according to Regulation (EC)  
 No. 453/2010



## 1. Identification of the Substance/Mixture and the Company/Undertaking

- 1.1 Product Identifier** 996C **Revision Date:** 02/06/2015
- Product Name:** STONCHEMBROADCAST **Supersedes Date:** 29/05/2015  
 AGGREGATE
- CAS Number:** 14808-60-7
- EC Number:**
- Index Number:**
- REACH Reg No.**
- Sector of Use Code:**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against** Component of multicomponent industrial coatings - Industrial use.
- 1.3 Details of the supplier of the safety data sheet**
- Importer:** StonCor Europe  
 9 Rue du Travail, 1400 Nivelles, Belgium
- Manufacturer:** Stonhard, Division of StonCor Group, Inc.  
 1000 East Park Avenue  
 Maple Shade, NJ 08052
- +1 856 7797500 (US)
- Regulatory /Technical Information:**  
 +32 67493710 Nivelles, Belgium  
 +39 02253751 Cologno Monzese, Italy
- Datasheet Produced by:** Darnell, Benjamin - ehs@stoncor.com
- 1.4 Emergency telephone number:** CHEMTREC +1 703 5273887 (Outside US)

## 2 Hazard Identification

### 2.1 Classification of the substance or mixture

Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008

**HAZARD STATEMENTS**

Carcinogenicity, category 1A  
STOT, single exposure, category 1

H350-1A  
H370

**2.2 Label elements****Symbol(s) of Product****Signal Word**

Danger

**Named Chemicals on Label**

quartz (silicon dioxide)

**HAZARD STATEMENTS**

Carcinogenicity, category 1A  
STOT, single exposure, category 1

H350-1A  
H370

May cause cancer.  
Causes damage to organs.

**PRECAUTION PHRASES**

P201  
P202  
  
P260  
P264  
P284  
P307+311  
P308+313  
P314

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash hands thoroughly after handling.  
Wear respiratory protection.  
IF exposed, call a POISON CENTER or doctor/physician.  
IF exposed or concerned: Get medical advice/attention  
Get medical advice/attention if you feel unwell.

**2.3 Other hazards**

Not applicable

**Results of PBT and vPvB assessment**

The product does not meet the criteria for PBT/vPvB in accordance with Annex XIII.

### 3. Composition/Information On Ingredients

**3.1 Substances****Hazardous Ingredients**

| <u>CAS-No.</u> | <u>EINEC No.</u> | <u>Name According to EEC</u> | <u>%</u> |
|----------------|------------------|------------------------------|----------|
| 14808-60-7     |                  | quartz (silicon dioxide)     | 75-100   |

| <u>CAS-No.</u> | <u>REACH Reg No.</u> | <u>CLP Symbols</u> | <u>CLP Hazard Statements</u> | <u>M-Factors</u> |
|----------------|----------------------|--------------------|------------------------------|------------------|
| 14808-60-7     |                      | GHS08              | H350-370                     |                  |

**Additional Information:** The text for CLP Hazard Statements shown above (if any) is given in Section 16.

### 4. First-aid Measures

**4.1 Description of First Aid Measures**

**GENERAL NOTES:** No Information

**AFTER INHALATION:** Move to fresh air. Consult a physician after significant exposure.

**AFTER SKIN CONTACT:** Use a mild soap if available. Wash off with soap and plenty of water.

**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses. If eye irritation persists, consult a specialist

**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Never give anything by mouth to an unconscious person.

**Self protection of the first aider:**

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

**4.2 Most important symptoms and effects, both acute and delayed**

Harmful by inhalation.

**4.3 Indication of any immediate medical attention and special treatment needed**

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## 5. Fire-fighting Measures

**5.1 Extinguishing Media:**

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above.

**5.2 Special hazards arising from the substance or mixture**

No Information

**5.3 Advice for firefighters**

None known. The product itself does not burn. In the event of fire, wear self-contained breathing apparatus. Water spray/Dry powder/Alcohol-resistant foam/Carbon dioxide (CO<sub>2</sub>)/High volume water jet. None.

## 6. Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment

**6.2 Environmental precautions**

No Information

**6.3 Methods and material for containment and cleaning up**

Pick up and transfer to properly labelled containers. No special environmental precautions required. After cleaning, flush away traces with water.

**6.4 Reference to other sections**

**FURTHER INSTRUCTIONS:** Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

## 7. Handling and Storage

**7.1 Precautions for safe handling**

Use only in area provided with appropriate exhaust ventilation. Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment. Avoid dust formation. Protect from moisture. Wash hands before breaks and at the end of workday. Do not breathe dust. When using, do not eat, drink or smoke.

**7.2 Conditions for safe storage, including any incompatibilities**

**CONDITIONS TO AVOID:** No Information

**STORAGE CONDITIONS:** Keep tightly closed in a dry and cool place.

**7.3 Specific end use(s)**

No specific advice for end use available.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (IR)

| Name                     | %      | LTEL ppm | STEL ppm | STEL mg/m3 | LTEL mg/m3 | OEL Note |
|--------------------------|--------|----------|----------|------------|------------|----------|
| quartz (silicon dioxide) | 75-100 |          |          |            | 0.1        |          |

**FURTHER ADVICE:** Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified at the EU level under the dangerous substances and preparations regulation.

### 8.2 Exposure controls

#### Personal Protection

**RESPIRATORY PROTECTION:** Effective dust mask.

**EYE PROTECTION:** Safety glasses with side-shields.

**HAND PROTECTION:** Protective gloves. Remove and wash contaminated clothing before re-use.

**OTHER PROTECTIVE EQUIPMENT:** No Information

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.

#### Chemical Name:

EC No.:

CAS-No.:

#### DNELs - Derived no effect level

| Route of Exposure | Workers            |                        |                       |                          | Consumers          |                        |                       |                          |
|-------------------|--------------------|------------------------|-----------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------------|
|                   | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral              | Not required       |                        |                       |                          |                    |                        |                       |                          |
| Inhalation        |                    |                        |                       |                          |                    |                        |                       |                          |
| Dermal            |                    |                        |                       |                          |                    |                        |                       |                          |

#### PNEC's - Predicted no effect concentration

|                                    |      |
|------------------------------------|------|
| Environmental protection target    | PNEC |
| Fresh water                        |      |
| Fresh water sediments              |      |
| Marine water                       |      |
| Marine sediments                   |      |
| Food chain                         |      |
| Microorganisms in sewage treatment |      |
| soil (agricultural)                |      |
| Air                                |      |

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                                    |                |
|------------------------------------|----------------|
| Appearance:                        | GRANULAR       |
| Physical State                     | SOLID          |
| Odor                               | ODORLESS       |
| Odor threshold                     | Not determined |
| pH                                 | NON-AQUEOUS    |
| Melting point /freezing point (°C) | Not determined |
| Boiling point/range (°C)           | N.D. - N.D.    |
| Flash Point, (°C)                  | 2230           |

|  |                |
|--|----------------|
| Evaporation rate                             | Not determined |
| Flammability (solid, gas)                    | Not determined |
| Upper/lower flammability or explosive limits | N.D. - N.D.    |
| Vapour Pressure                              | NONE           |
| Vapour density                               | NONE           |
| Relative density                             | Not determined |
| Solubility in /Miscibility with water        | NOT SOLUBLE    |
| Partition coefficient: n-octanol/water       | Not determined |
| Auto-ignition temperature (°C)               | Not determined |
| Decomposition temperature (°C)               | Not determined |
| Viscosity                                    | N/A            |
| Explosive properties                         | Not determined |
| Oxidising properties                         | Not determined |

## 9.2 Other information

|  |       |
|--|-------|
| VOC Content g/l:   | 0     |
| Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E. |       |
| Specific Gravity (g/cm <sup>3</sup> )  | 2.650 |

## 10. Stability and Reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

### 10.4 Conditions to avoid

No Information

### 10.5 Incompatible materials

Do not store near acids. Strong oxidizing agents.

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity:

Oral LD50:

Inhalation LC50:

#### Irritation:

No information available.

#### Corrosivity:

No information available.

|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Sensitization:</b>             | No information available. |
| <b>Repeated dose toxicity:</b>    | No information available. |
| <b>Carcinogenicity:</b>           | No information available. |
| <b>Mutagenicity:</b>              | No information available. |
| <b>Toxicity for reproduction:</b> | No information available. |
| <b>STOT-single exposure:</b>      | No information available. |
| <b>STOT-repeated exposure:</b>    | No information available. |
| <b>Aspiration hazard:</b>         | No information available. |

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below.

| <u>CAS-No.</u> | <u>Name According to EEC</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|------------------------------|------------------|--------------------|-------------------|
| 14808-60-7     | quartz (silicon dioxide)     | >2000 mg/kg      |                    |                   |

**Additional Information:**

This product may contain Quartz (silicon dioxide), which is listed by IARC as a known carcinogenic to humans (Group 1). This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

## 12. Ecological Information

**12.1 Toxicity:**

|                             |                |
|-----------------------------|----------------|
| <b>EC50 48hr (Daphnia):</b> | No information |
| <b>IC50 72hr (Algae):</b>   | No information |
| <b>LC50 96hr (fish):</b>    | No information |

**12.2 Persistence and degradability:** No information

**12.3 Bioaccumulative potential:** No information

**12.4 Mobility in soil:** No information

**12.5 Results of PBT and vPvB assessment:** The product does not meet the criteria for PBT/vPvB in accordance with Annex XIII.

**12.6 Other adverse effects:** No information

| <u>CAS-No.</u> | <u>Name According to EEC</u> | <u>EC50 48hr</u> | <u>IC50 72hr</u> | <u>LC50 96hr</u> |
|----------------|------------------------------|------------------|------------------|------------------|
| 14808-60-7     | quartz (silicon dioxide)     | No information   | No information   |                  |

## 13. Disposal Considerations

**13.1 WASTE TREATMENT METHODS:** If recycling is not practicable, dispose of in compliance with local regulations. Waste codes should be assigned by the user based on the application for which the product was used. Empty containers should be taken to an approved waste handling site for recycling or disposal.

European Waste Code: No Information  
 Packaging Waste Code: 150110

## 14. Transport Information

- 14.1 UN number
- 14.2 UN proper shipping name  
 Technical name
- 14.3 Transport hazard class(es) NONE  
 Subsidiary shipping hazard
- 14.4 Packing group
- 14.5 Environmental hazards
- 14.6 Special precautions for user Not applicable  
 EmS-No.:
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code Not applicable

## 15. Regulatory Information

- 15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

### National Regulations:

Denmark Product Registration Number:

Danish MAL Code:

Sweden Product Registration Number:

Norway Product Registration Number:

WGK Class:

### Chemical Safety Assessment

- 15.2 No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## 16. Other Information

Text for CLP Hazard Statements shown in Section 3 describing each ingredient

H350 May cause cancer.  
 H370 Causes damage to organs.

### Reasons for revision

No Information

### List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark  
 ESIS (The European Chemical Substances Information System), provided by the European Commission  
 Joint Research Centre in Ispra, Italy

Annex VI of the EU Council Directive 67/548/EEC  
 Council Directive 67/548/EEC - Annex I or EU Council Directive 1999/45/EC  
 European Union (EC) Regulation No. 1272/2008 on the classification, labelling and packaging of  
 substances and mixtures (CLP Regulation)  
 EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"

## Acronym &amp; Abbreviation Key:

|                   |  |
|-------------------|--|
| CLP               | Classification, Labeling & Packaging Regulation  |
| EC                | European Commission  |
| EU                | European Union   |
| US                | United States  |
| CAS               | Chemical Abstract Service  |
| EINECS            | European Inventory of Existing Chemical Substances   |
| REACH             | Registration, Evaluation, Authorization of Chemicals Regulation  |
| GHS               | Globally Harmonized System of Classification and Labeling of Chemicals   |
| LTEL              | Long term exposure limit   |
| STEL              | Short term exposure limit  |
| OEL               | Occupational exposure limit  |
| ppm               | Parts per million  |
| mg/m <sup>3</sup> | Milligrams per cubic meter   |
| TLV               | Threshold Limit Value  |
| ACGIH             | American Conference of Governmental Industrial Hygienists  |
| OSHA              | Occupational Safety & Health Administration  |
| PEL               | Permissible Exposure Limits  |
| VOC               | Volatile organic compounds   |
| g/l               | Grams per liter  |
| mg/kg             | Milligrams per kilogram  |
| N/A               | Not applicable   |
| LD50              | Lethal dose at 50%   |
| LC50              | Lethal concentration at 50%  |
| EC50              | Half maximal effective concentration   |
| IC50              | Half maximal inhibitory concentration  |
| PBT               | Persistent bioaccumulative toxic chemical  |
| vPvB              | Very persistent and very bioaccumulative   |
| EEC               | European Economic Community  |
| ADR               | International Transport of Dangerous Goods by Road   |
| RID               | International Transport of Dangerous Goods by Rail   |
| UN                | United Nations   |
| IMDG              | International Maritime Dangerous Goods Code  |
| IATA              | International Air Transport Association  |
| MARPOL            | International Convention for the Prevention of Pollution From Ships, 1973 as<br>modified by the Protocol of 1978 |
| IBC               | International Bulk Container   |

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.